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# Sequence Listing

<110> Goddard, Audrey  
Wood, William I.  
Ye, Weilan  
Zhang, Zemin

<120> NOVEL SECRETED POLYPEPTIDE AND METHODS OF TREATMENT OF  
BONE DISORDERS

<130> P2637-1 (US)

<140> US 10/020,419

<141> 2001-12-13

<150> US 60/132,379

<151> 1999-05-04

<150> PCT/US00/05601

<151> 2000-03-01

<150> PCT/US01/19692

<151> 2001-06-20

<150> PCT/US01/21735

<151> 2001-07-09

<160> 4

<210> 1

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<212> DNA

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gacctgctac tcccgcctgc gggccctgag ccaggagatc acccgcgact 150  
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gaacatgcac aatagtatgt ttttattact ggtttaatgg agtaatggta 800  
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 tatgcctttt tctaacacag actttcttca ctgtctttca tttaaaaaga 900  
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 <212> PRT  
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 Gly Ala Pro Ala Ala Arg Pro Thr Pro Pro Thr Cys Tyr Ser Arg  
 20 25 30  
 Met Arg Ala Leu Ser Gln Glu Ile Thr Arg Asp Phe Asn Leu Leu  
 35 40 45  
 Gln Val Ser Glu Pro Ser Glu Pro Cys Val Arg Tyr Leu Pro Arg  
 50 55 60  
 Leu Tyr Leu Asp Ile His Asn Tyr Cys Val Leu Asp Lys Leu Arg  
 65 70 75  
 Asp Phe Val Ala Ser Pro Pro Cys Trp Lys Val Ala Gln Val Asp  
 80 85 90  
 Ser Leu Lys Asp Lys Ala Arg Lys Leu Tyr Thr Ile Met Asn Ser  
 95 100 105  
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 125 130 135  
 Arg

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 gaccctgagc cgtgagatca tggcagactt ccagagcctg caggcttcag 150  
 agcctgagga ttctgtgtg aggtacttgc cccggcttta cctggacatc 200  
 cataactact gtgtgctggc caagctgaga gacttcgtgg cttctcctca 250  
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tgtataccat catgaactcc ttctgcaggc gggacttggt attcctctca 350  
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 agactggcag agctaagcag gtggaccaga agaacaaccc agagggtctga 450  
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 Met Leu Thr Leu Ser Arg Glu Ile Met Ala Asp Phe Gln Ser Leu  
                     35                    40                    45  
 Gln Ala Ser Glu Pro Glu Asp Ser Cys Val Arg Tyr Leu Pro Arg  
                     50                    55                    60  
 Leu Tyr Leu Asp Ile His Asn Tyr Cys Val Leu Ala Lys Leu Arg  
                     65                    70                    75  
 Asp Phe Val Ala Ser Pro Gln Cys Trp Lys Met Ala Glu Val Asp  
                     80                    85                    90  
 Thr Leu Lys Asp Arg Val Arg Lys Leu Tyr Thr Ile Met Asn Ser  
                     95                    100                    105  
 Phe Cys Arg Arg Asp Leu Val Phe Leu Ser Asp Asp Cys Ser Ala  
                     110                    115                    120  
 Leu Glu Asp Pro Ile Pro Glu Ala Thr Gly Pro Pro Asp Trp Gln  
                     125                    130                    135  
 Ser